**JAPANESE** 

[JP,08-237058,A]

CLAIMS DETAILED DESCRIPTION TECHNICAL
FIELD PRIOR ART EFFECT OF THE INVENTION
TECHNICAL PROBLEM MEANS OPERATION
EXAMPLE DESCRIPTION OF DRAWINGS DRAWINGS

[Translation done.]

\* NOTICES \*

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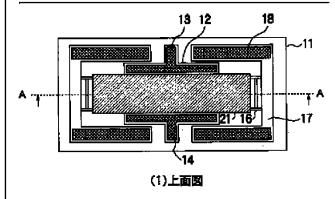
- 1. This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.\*\*\* shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

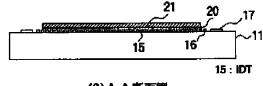
#### **DRAWINGS**

[Drawing 1]

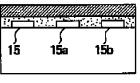
#### Drawing selection

## Representative draw





(2) A-A 断面図



(3)拡大断面図

:圧電基板

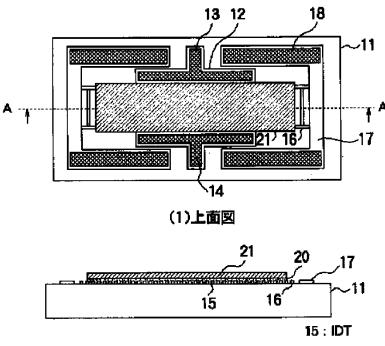
: 強磁性体薄膜

: 金(Au)薄膜

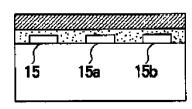
[7] **能操体** 

本発明の第1の実施例の弾性表面波共振子

[Translation done.]



(2) A-A 断面図



(3)拡大断面図

:圧電基板

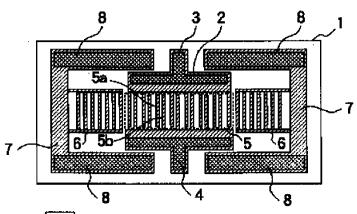
:強磁性体薄膜

※ : 金(Au)薄膜

**②**② **絶縁体** 

本発明の第1の実施例の弾性表面波共振子

[Drawing 2]



:圧電基板

: AI または AI を主材料とする合金

※※ : 金(A⊔)薄膜

#### 従来の弾性表面波共振子

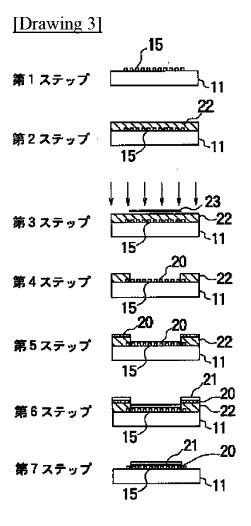


図1の製造工程

# [Drawing 4]

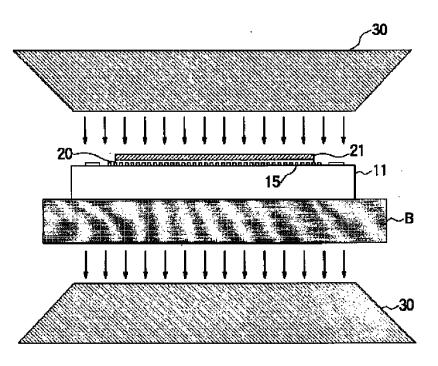
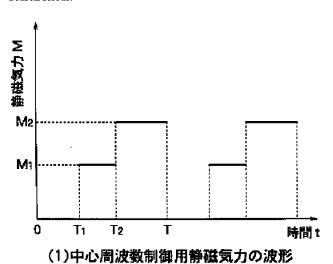
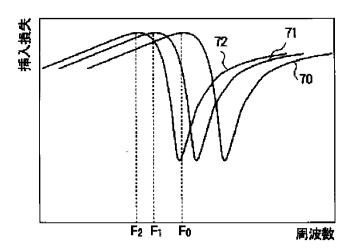


図1の磁化作業

[Drawing 7]

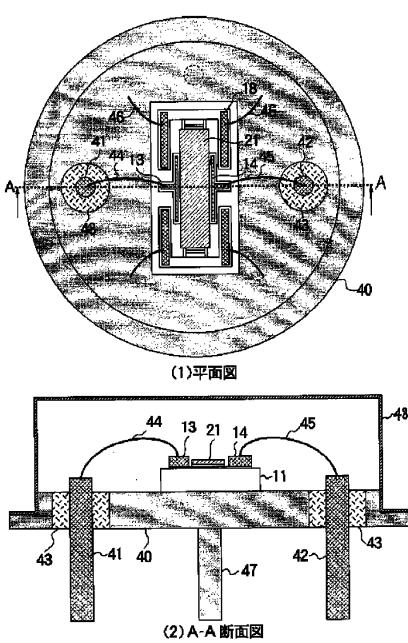




(2)静磁気力による周波数特性の変動

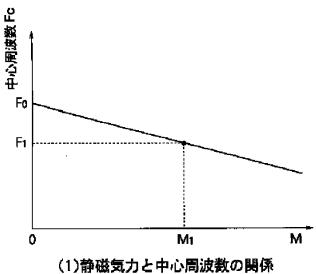
### 本発明の第2の実施例の弾性表面波共振子の周波数特性

[Drawing 5]

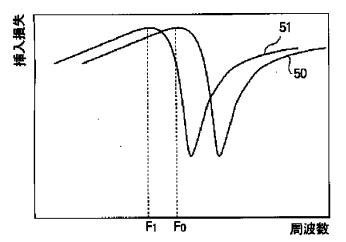


ステムに搭載した弾性表面波共振子。

[Drawing 6]



(一)静磁丸力と中心向次数の異



(2)静磁気力による周波数特性の変動

図1の周波数特性

[Translation done.]